

MATERIAL SAFETY DATA SHEET

Bengal Insecticide Conc.

1. COMPANY & PRODUCT INFORMATION

Product: Bengal Insecticide Concentrate
EPA Reg. No. 1021-1641-68543
Emergency Telephone No.: (888) 740-8712 (24 hours)

2. HAZARDOUS INGREDIENTS*

Refined Petroleum Solvent Percent by weight: >50% Exposure Limits: 350mg/cu M (NIOSH)	*Hazardous within the meaning of 29 CFR 1910.1200
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3. HAZARDS IDENTIFICATION

Overview:

- Liquid composition with petroleum odor in a plastic bottle with a child resistant cap.
- Combustible liquid. Keep away from ignition sources and hot surfaces.
- Burning may produce toxic by-products (carbon monoxide)

Potential Health Effects: EYES: May cause temporary discomfort, tearing and blurred vision.

SKIN: Can cause a burning sensation on more sensitive areas (face, eyes, mouth). Avoid contact with skin.

INHALATION: Excessive inhalation can cause nasal and respiratory irritation, nausea and nervous system disorders, such as fatigue, dizziness, headaches, lack of coordination, tremors and unconsciousness.

INGESTION: Can cause stomach irritation, resulting in nausea, cramps and vomiting. Can also cause nervous system disorders, such as fatigue, dizziness, headaches, lack of coordination, tremors and unconsciousness.

CARCINOGENICITY: NTP: Not listed;

IARC monographs: Not listed; OSHA: Not listed

COMMENT: Unnecessary exposure to this product, or any chemical, should be avoided.

4. FIRST AID MEASURES

EYES: Immediately flush repeatedly with clean water for at least 15 minutes. Get medical attention if irritation persists.

SKIN: Remove contaminated clothing and immediately wash affected areas with soap and water. Apply a vitamin E cream to the affected areas to relieve irritation. Get medical attention if irritation persists.

INHALATION: Remove to fresh air. Give oxygen if necessary. If breathing has stopped, administer artificial respiration and get medical attention immediately.

ORAL: Do not induce vomiting. Call a physician or Poison Control Center immediately.

5. FIRE FIGHTING MEASURES

FLASH POINT: 145°F (liquid concentrate)

FLAME EXTENSION: n/a **AUTOIGNITION:** Not Established

FLAMMABILITY LIMITS IN AIR, % by vol.: Not Established

UNUSUAL FIRE OR EXPLOSION HAZARDS: None known.

SPECIAL FIRE FIGHTING PROCEDURES: Treat as an oil fire. Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals. Keep nearby containers and equipment cool with a water spray. Contain the run-off if possible for proper disposal.

6. SPILL/LEAK PROCEDURES

SPILL RESPONSE: Remove ignition sources. Use absorbent material to collect and contain for salvage or disposal. Ventilate area. This product contains no CERCLA listed chemicals. This product may be a RCRA hazardous waste upon disposal due to ignitability characteristics.

This document has been prepared to meet the requirements of the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

7. HANDLING AND STORAGE

Store containers upright and closed. Store in areas that are cool, dry and well ventilated. Keep away from heat, ignition sources and strong oxidizers. Do not contaminate water, feed or food by storage, handling or disposal. Read and observe all precautions and instructions on the product label.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT: NONE REQUIRED

SKIN: Avoid skin contact. Wash hands after using product.*

INHALATION: Use only in a well-ventilated area.

VENTILATION: No special ventilation required when used according to label directions.

COMMENTS: Use only at normal room temperatures. Avoid skin contact. Do not incinerate. Read and follow directions for use.

*Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

9. PHYSICAL PROPERTIES

SPECIFIC GRAVITY OF CONCENTRATE: approx. 0.853

VAPOR PRESSURE (PSIG @ 70°F): N/A **BOILING POINT (°F):** N/A

SOLUBILITY IN WATER: Emulsifiable

EVAPORATION RATE (Water=1): not established

APPEARANCE & ODOR: Pale yellow liquid with petroleum odor

10. STABILITY & REACTIVITY

STABILITY: STABLE

INCOMPATIBILITY (MATERIAL TO AVOID): Heat and acidic, or alkaline conditions may cause this product to break down. Contact with oxidizers may produce an explosive mixture.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Products of combustion are principally carbon dioxide, carbon monoxide and water.

CONDITIONS TO AVOID: Do not store above 130°F. Do not store near heat or open flame.

11. TOXICOLOGICAL

Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing of vapors. Avoid contact with skin, eyes or clothing. Do not use in commercial food processing or preparation areas. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Cover exposed food. Remove pets, birds and cover aquariums before using.

Acute Oral LD(50) = 1470 mg/kg

Acute Dermal LD(50) > 2000 mg/kg

Acute Inhalation LC(50) = 990 mg/L

12. ENVIRONMENTAL INFORMATION

This product is toxic to fish and aquatic invertebrates. Do not apply directly to any body of water.

13. DISPOSAL

Replace cap and discard empty container in trash. Do not puncture or incinerate.

14. TRANSPORTATION INFORMATION

Proper Shipping Name: Consumer Commodity

DOT Hazard Class: ORM-D

15. REGULATORY INFORMATION

NFPA Ratings: Health: 2 Fire: 2 Reactivity: 0 Special: None

SARA 313 INFORMATION: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: None

US EPA Signal Word: CAUTION

Date Revised: July 18, 2000

Bengal Chemical Inc.

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